

March 28, 2003

Department of Environmental Quality Division of Water Quality 288 North 1460 West P.O. Box 144870 Salt Lake City, UT 84114-4870

## Gentleman:

Enclosed are the monthly discharge reports for the Deer Creek, Des-Bee-Dove, Trail Mountain, and Wilberg mines and the Hunter Coal Preparation and Blending Facility for the month of February, 2003. The Deer Creek mine discharge (UT0023604-001) exceeded the 30 day average and daily maximum for total iron with a value of  $1.98 \ \text{mg/L}$  and  $3.24 \ \text{mg/L}$  respectively. The discharge limit for iron at this site is  $1.0 \ \text{mg/L}$ .

The exceedance occurred as a result of pipe maintenance. As piping was disturbed, deposits on the inside of the pipe dislodged. The particles were a slimy, rusty looking material. Discharge was immediately routed away from the creek to a holding pond used by the power plant below the mine site. Discharge was routed back into the creek after the particles cleared. Dissolved iron reported <0.005 mg/L.

If you have any questions concerning this report, please feel free to call Dennis Oakley at 687-4825 or Chuck Semborski at 687-4720.

Sincerely,

Carl Pollastro

Technical Services Manager

Encl

Cc: Division of Oil, Gas and Mining

Coal Regulatory Program 1594 West North Temple, Suite 1210 Salt Lake City, Utah 84114-5801

Chuck Semborski, with enclosures Dennis Oakley, "

Ken Fleck

			Dis	scharg	e Monitorii	ng Report					
Name: PacifiCorp, Energy	West Mining Cor	npany						Sediment pe	ond outfall into C	ottonwood Ck.	
Address: P.O. Box 310 Huntington, Utah	84528		UI0023728	1	02/01/2003	02/28/2003	1		001A	1	No Discharge
Facility: Trail Mountain !			Permit Number		Monitorii		1		ge Number		X
•				-			_			_	[A]
Parameter		Quan	tity or Loading	,	Qı	antity or Conc	entration			Frequency of	
		Average	Maximum	Units	Minimum	Average	Maximum	Units	No. Ex.	Analysis	Sample Type
Flow Rate	Sample Measurement				******	******	******	****		1/30	Measrd
00056 1 0 0 Effluent Gross Value	Permit Requirement	Report 30 day avg	Report Daily max	mgd	******	******	******	****		once/month	Estimated
pH	Sample Measurement	******	******	****		******				1/30	Grab
00400 1 0 0 Effluent Gross Value	Permit Requirement	******	******	****	6.5 Inst min	******	9.0 Inst max	(12) SU		once/month	Grab
Solids, Total Suspended	Sample Measurement	******	******	****	******					1/30	Grab
00530 1 0 0 Effluent Gross Value	Permit Requirement	******	******	****	******	25 30 day avg	70 daily max	(19) mg/L		once/month	Grab
Settleable Solids	Sample Measurement	******	******	****	******	******				1/30	Grab
0545 R 0 0 ffluent Gross Value	Permit Requirement	*****	******	****		chi	l lax	(25) mL/L		once/month	Grab
iron, Total (as Fe)	Sample Measurement	******	******	10		CI.				1/30	Grab
01045 10 0 Effluent Gross Value	Permit Requirement	******	******	U	******	******	1.4 Daily max	(19) mg/L		once/month	Grab
Oil and Grease	Sample Measurement	******	******	****	******	******				0	-
03582 1 0 0 Effluent Gross Value	Permit Requirement	******	******	****	******	******	10 Daily max	(19) mg/L		See Permit	Grab
Solids, Total Dissolved	Sample Measurement	******			******	******				1/30	Grab
70295 1 0 0 Effluent Gross Value	Permit Requirement	******	2000 Daily max	(26) lbs/day	******	******	5000 Daily max	(19) mg/L		once/month	Grab
Oil and Grease, Visual	Sample Measurement	******		(94)	******	******	*****	****		4/30	Visual
84066 1 0 0 Effluent Gross Value	Permit Requirement	*****	0 inst max	yes=1 no=0	******	******	******	****		Weekly	Visual
Name/Title Principal Exec	utive Officer		lawthat I have personally exar			Date:	03/28/20	003		Telephone	
Dee Jense - President I Mining Com		immediately responsible information is true, accura for submitting false infor	arein; and based on my inquiry for obtaining theinformation ateand complete I amaware tha monation, including the possibi	,Ibelievethesub t theresignifican lity of fineand i	mitted t penalties mprisonment.		ughlla	steo	435	687-	-9821
			01 and 33 USC paragraph 1319 to \$10,000 and ormaximum is		nalties under these netween 6		incipal Executive Offi uthorized Agent	cer or	Area Code	Nu	mber
Typed or Prin Comments and explanation										1	
During storm discharge, sa			r oil and grease is on	ly required	when sheen is obse	rved					
l											

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			Di	scharg	e Monitori	ng Report					
Name: PacifiCorp, Energy Address: P.O. Box 310	-	npany	<b>I</b>				<b>-</b>		Cottonwood Ck.	<b>-</b>	
Huntington, Utah Facility: Trail Mountain N			UT0023728 Permit Number		02/01/2003 Monitoria	02/28/2003 ng Period			002A ge Number		No Discharge
									5	_	X
Parameter			tity or Loading			uantity or Conc	1	ı		Frequency of	
	Sample	Average	Maximum	Units	Minimum	Average	Maximum	Units	No. Ex.	Analysis	Sample Type
Flow Rate	Measurement	b :			******	******	******	****		2/30	Measurd
00056 1 0 0 Effluent Gross Value	Permit Requirement	Report 30 day avg	Report Daily max	mgd	******	******	******	****		twice/month	Estimated
pН	Sample Measurement	******	******	****		******				2/30	Grab
00400 1 0 0 Effluent Gross Value	Permit Requirement	*****	******	****	6.5 Inst min	******	9.0 Inst max	(12) SU		once/month	Grab
Solids, Total Suspended	Sample Measurement	******	******	****	******					2/30	Grab
00530 1 0 0 Effluent Gross Value	Permit Requirement	*****	******	****	******	25 30 day avg	70 daily max	(19) mg/L		twice/month	Grab
Settleable Solids	Sample Measurement	******	******	****	******	******				**	**
00545 R 0 0 Effluent Gross Value	Permit Requirement	******	******	****	******	******	0.5 Dai	(25) mL/L		once/month	Grab
Iron, Total (as Fe)	Sample Measurement	******	******	****	******	210	G			2/30	Grab
01045 10 0 Effluent Gross Value	Permit Requirement	******		**	561	Jew. 2	i.4 Daily max	(19) mg/L		twice/month	Grab
Oil and Grease	Sample Measurement	******	NO	****	******	******				**	**
03582 1 0 0 Effluent Gross Value	Permit Requirement	******	*******	****	******	******	10 Daily max	(19) mg/L		See Permit	Grab
Solids, Total Dissolved	Sample Measurement	******	******	****	******	******				2/30	Grab
70295 1 0 0 Effluent Gross Value	Permit Requirement	******	******	****	******	******	1200 Daily max	(19) mg/L		twice/month	Grab
Oil and Grease, Visual	Sample Measurement	******		(94)	******	******	*****	****		4/30	Visual
84066 1 0 0 Effluent Gross Value	Permit Requirement	******	0 inst max	yes=1 no=0	******	******	******	****		Weekly	Visual
Name/Title Principal Execu	tive Officer		law that I have personal ly exan rein; and based on my inquiry			Date:	03/28/20	003		Telephone	
Dee Jense - President In Mining Comp		immediately responsible f information is true, accura for submitting false infor	or obtaining the information, te and complete I amaware that mation, including the possibi	I believe the subr t there significant lity of fine and ir	mitted penalties aprisonment.		afella	etis	435	687-9821	
Typed or Print			11 and 33 USC paragraph 1319 o \$10,000 and or maximum in		nalties under these et ween 6		incipal Executive Offi uthorized Agent	Area Code Number		mber	
Comments and explanation		:				ļ					
Sample for oil and grease i			ved								

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Name: PacifiCorp, Energy	West Mining Cor	npany	D	isc har	ge Monitor	ing Report	t	Deer Creek 1	Mine Discharge		
Address: P.O. Box 310 Huntington, Utal Facility: Deer Creek Mine	ı 84528		UI0023604 Permit Number		02/01/2003 Monitor	02/28/2003 ing Period	}	Dischar	002 ge Number	]	No Discharge
Parameter			tity or Loading	1		uantity or Cond		1		Frequency of	
	Sample	Average	Maximum	Units	Minimum	Average	Maximum	Units	No. Ex.	Analysis	Sample Type
Flow Rate	Measurement	0.45	0.79		******	*****	******	****	0	1/30	Measured
00056 1 0 0 Effluent Gross Value	Permit Requirement	Report 30 day avg	Report Daily max	mgd	******	*****	******	****		once/month	Estimated
pН	Sample Measurement	******	******	****	7.2	******	7.2		0	1/30	Grab
00400 1 0 0 Effluent Gross Value	Permit Requirement	******	******	****	6.5 Inst min	******	9.0 Inst max	(12) SU		once/month	Grab
Solids, Total Suspended	Sample Measurement	******	******	****	8	8	8		0	1/30	Grab
00530 1 0 0 Effluent Gross Value	Permit Requirement	******	******	****	25 30 day avg	35 max 7 day avg	70 daily max	(19) mg/L		once/month	Grab
Settleable Solids	Sample Measurement	******	*****	****	*****	******	N/A		***	****	****
00545 R 0 0 Effluent Gross Value	Permit Requirement	******	******	****	******	******	0.5 Daily max	(25) mL/L		once/month	Grab
Iron, Total (as Fe)	Sample Measurement	******	******	***	*****	1.98	3.24		1	2/30	Grab
01045 10 0 Effluent Gross Value	Permit Requirement	******	******	***	******	Report 30 day avg	1.0 Daily max	(19) mg/L		once/month	Grab
Oil and Grease Freon Extr-Grav Method	Sample Measurement	******	*****	****	*****	******	N/A		***	**	**
00556 0 0 0 Effluent Gross Value	Permit Requirement	******	******	****	******	******	10 Daily max	(19) mg/L		See Permit	Grab
Solids, Total Dissolved 180 °C	Sample Measurement	******	******	****	******	N/A	437		0	1/30	Grab
70300 1 0 0 Effluent Gross Value	Permit Requirement	******	******	****	******	800 Ortr avg	1000 Daily max	(19) mg/L		once/month	Grab
Oil and Grease, Visual	Sample Measurement	******	0	(94)	******	******	******	****	0	4/30	Visual
84066 1 0 0 Effluent Gross Value	Permit Requirement	******	0 inst max	yes=1 no=0	******	******	******	***		Weekly	Visual
Name/Title Principal Exec	utive Officer		law that I have personally exa			Date:	03/28/20	003		Telephone	
Dee Jense - President Mining Com		immediately responsible information is true, accur-	erein; and based on my inquir for obtaining the information at eand complete. I amaware th rmation, including the possib	n, I believe the sub at there significan	omitted nt penalties		afella	steo	435	687-9	9821
	. ,		01 and 33 USC paragraph 131 to \$10,000 and or maximum		nalties under these between 6		rincipal Executive Offi Authorized Agent	cer or	Area Code	Nun	nber
Typed or Print Comments and explanation										1	
Sample oil and grease only			is another reason to	believe oil i	s present. Fill in N/	A when a test is not	performed.				

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			D	isc har	ge Monitor	ring Report	t				
	gy West Mining Cor	mpany						Deer Creek 1	Mine Sediment Po	nd Discharge	
Address: P.O. Box 310 Huntington, Ut	ah 84528		UI0023604	1	02/01/2003	02/28/2003	7		001	ì	No Discharge
Facility: Deer Creek Mir			Permit Number			ing Period		Dischar	ge Number		X
											A
Parameter		_ `	tity or Loading	1		uantity or Con	1	1		Frequency of	
		Average	Maximum	Units	Minimum	Average	Maximum	Units	No. Ex.	Analysis	Sample Type
Flow Rate	Sample Measurement				******	******	******	****		1/30	Measured
00056 1 0 0 Effluent Gross Value	Permit Requirement	Report 30 day avg	Report Daily max	mgd	******	******	******	****		once/month	Estimated
рН	Sample Measurement	******	******	****		******				1/30	Grab
00400 1 0 0 Effluent Gross Value	Permit Requirement	******	******	****	6.5 Inst min	******	9.0 Inst max	(12) SU		once/month	Grab
Solids, Total Suspended	Sample Measurement	******	******	****						1/30	Grab
00530 1 0 0 Effluent Gross Value	Permit Requirement	******	******	****	25 30 day avg	35 max 7 day avg	70 daily max	(19) mg/L		once/month	Grab
Settleable Solids	Sample Measurement	******	******	****	******		aru	5		**	**
00545 R 0 0 Effluent Gross Value	Permit Requirement	******	******		<b>■ i }</b> Ţ		Daily max	(25) mL/L		once/month	Grab
Iron, Total (as Fe)	Sample Measurement	******	*****	$\mathbb{N}$						1/30	Grab
01045 10 0 Effluent Gross Value	Permit Requirement	******	******	****	******	Report 30 day avg	1.0 Daily max	(19) mg/L		once/month	Grab
Oil and Grease Freon Extr-Grav Method	Sample Measurement	******	******	****	******	******				**	**
00556 0 0 0 Effluent Gross Value	Permit Requirement	******	******	****	******	******	10 Daily max	(19) mg/L		See Permit	Grab
Solids, Total Dissolved 180 °C	Sample Measurement	******			******					1/30	Grab
70300 1 0 0 Effluent Gross Value	Permit Requirement	******	2000 Daily max	(26) lbs/day	******	Report 30 day avg	5000 Daily max	(19) mg/L		once/month	Grab
Oil and Grease, Visual	Sample Measurement	******		(94)	******	******	******	****		4/30	Visual
84066 1 0 0 Effluent Gross Value	Permit Requirement	******	0 inst max	yes =1 no=0	******	******	******	****		Weekly	Visual
Name/Title Principal Ex	ecutive Officer		law that I have personally exa erein; and based on my inquir			Date:	03/28/20	003		Telephone	
Dee Jense - President Mining Con		immediately responsible information is true, accur for submitting false info	for obtaining the information at earnd complete. I amaware the rmation, including the possib	n, I believe the sub at there significan sility of fine and	omitted nt penalties imprisonment.		ng ll.	ster	435	687-9	9821
			01 and 33 USC paragraph 131 to \$10,000 and or maximum i		malties under these between 6		Principal Executive Offi Authorized Agent	icer or	Area Code	Nun	nber
Typed or Pri		-				+			<u> </u>	1	
Comments and explanation Sample oil and grease on			is another reason to	believe oil i	s present. Fill in N/	A when a test is not	performed.				

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			Di	scharg	e Monitori	ng Report					
Name: PacifiCorp, Energy Address: P.O. Box 310	West Mining Con	npany					Minor	Mine discha	arge into Cottonw	ood Canyon Creel	¢.
Address: P.O. Box 310 Huntington, Utah	84528		UT0022896	1	02/01/2003	02/28/2003	7		001A	1	No Discharge
Facility: Cottonwood/Wilh			Permit Number		Monitori	ing Period		Dischar	ge Number		
Parameter		Quan	tity or Loading		Q	uantity or Con	centration				
1 at atticter		Average	Maximum	Units	Minimum	Average	Maximum	Units	No. Ex.	Frequency of Analysis	Sample Type
Flow Rate	Sample Measurement	0.034	0.034		******	******	******	****	0	1/30	Measured
00056 1 0 0 Effluent Gross Value	Permit Requirement	Report 30 day avg	Report Daily max	(03) mgd	******	******	******	****		once/month	Measured
pН	Sample Measurement	******	******	****	6.38	******	6.38		0	1/30	Grab
00400 1 0 0 Effluent Gross Value	Permit Requirement	******	******	****	6.5 Inst min	******	9.0 Inst max	(12) SU		once/month	Grab
Solids, Total Suspended	Sample Measurement	******	******	****	<5	<5	<5		0	1/30	Grab
00530 1 0 0 Effluent Gross Value	Permit Requirement	******	******	****	25 30 day avg	35 7 day max	70 daily max	(19) mg/L		once/month	Grab
Iron, Total (as Fe)	Sample Measurement	******	******	****	******	******	0.025		0	1/30	Grab
1045 10 0 ffluent Gross Value	Permit Requirement	******	******	****	******	******	1.8 Daily max	(19) mg/L		once/month	Grab
Solids, Total Dissolved	Sample Measurement	******	200.7		******	******	******	****	0	1/30	Grab
70295 1 0 0 Effluent Gross Value	Permit Requirement	******	2000 Daily max	(26) lbs/day	******	******	******	****		once/month	Grab
Oil and Grease	Sample Measurement	******	******	****	******	******	N/A		***	**	**
03582 1 0 0 Effluent Gross Value	Permit Requirement	******	******	****	******	******	10 Daily max	(19) mg/L		See Permit	Grab
Oil and Grease, Visual	Sample Measurement	******	0	(94)	******	******	******	****	0	4/30	Visual
84066 0 0 0 Effluent Gross Value	Permit Requirement	******	0 inst max	yes=1 no=0	******	******	******	****		Weekly	Visual
	Sample Measurement										
	Permit Requirement										
Name/Title Principal Execu	ative Officer		aw that I have personally exar rein; and based on my inquiry			Date:	03/28/20	003		Telephone	
Dee Jense - President In Mining Comp		immediately responsible f information is true, accura for submitting false infor	or obtaining the information te and complete I am aware tha mation, including the possible	,I believe the subr t there significant ility of fine and ir	mitted penalties mprisonment.		agell.	ster	435	687-	-9821
			1 and 33 USC paragraph 1319 o \$10,000 and or maximum is		nalties under these et ween 6		rincipal Executive Off	icer or	Area Code	Nu	ımber
Typed or Print Comments and explanation						1	6		ļ	1	
If oil and grease sheen is of			this must be less that	n 10 mg/L.							

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			Dis	charge	Monitorin	g Renort					
Name: PacifiCorp, Ene	rgy West Mining Co	ompany		<b>5</b>			Minor	Sediment p	ond outfall into	Grimes Wash	
Address: P.O. Box 310	- 94529		UT0022896	т	02/01/2003	02/28/2003	_		003A	n	N. Disabassa
Huntington, Utal Facility: Cottonwood/V			Permit Number		Monitorir				ge Number		No Discharge
			r crimer tumber	1	14Killion	ig i criou		Distrikt	ge r turiber	_	X
Parameter		Quant	ity or Loading		01	antity or Con	centration				
rarameter		Average	Maximum	Units	Minimum	Average	Maximum	Units	No. Ex.	Frequency of Analysis	Sample Type
Flow Rate	Sample Measurement				******	******	*****	****		1/30	Measured
00056 1 0 0 Effluent Gross Value	Permit Requirement	Report 30 day avg	Report Daily max	(03) mgd	*****	******	*****	****		once/month	Measured
pН	Sample Measurement	*****	*****	****		*****				1/30	Grab
00400 1 0 0 Effluent Gross Value	Permit Requirement	*****	*****	****	6.5 Inst min	*****	9.0 Inst max	(12) SU		once/month	Grab
Solids, Total Suspended	Sample Measurement	*****	******	****						1/30	Grab
00530 1 0 0 Effluent Gross Value	Permit Requirement	*****	*****	****	25 30 day avg	35 7 day <b>1</b> ax <b>1</b>		(19) mg/L		once/month	Grab
Settleable Solids	Sample Measurement	*****	*****	****	mic	chi	19			1/30	Grab
00545 R 0 0 Effluent Gross Value	Permit Requirement	*****	****	<u>A</u>			0.5 Daily max	(25) mL/L		once/month	Grab
Iron, Total (as Fe)	Sample Measurement	*****	*****	<b>4</b>	******					1/30	Grab
01045 10 0 Effluent Gross Value	Permit Requirement	*****	*****	****	******	Report 30 day avg	1.0 Daily max	(19) mg/L		once/month	Grab
Solids, Total Dissolved	Sample Measurement	*****			******	*****	******	****		1/30	Grab
70295 1 0 0 Effluent Gross Value	Permit Requirement	*****	2000 Daily max	(26) lbs/day	******	*****	******	****		once/month	Grab
Oil and Grease, Visual	Sample Measurement	*****		(94)	******	*****	*****	****		4/30	Visual
84066 1 0 0 Effluent Gross Value	Permit Requirement	*****	0 inst max	yes =1 no=0	*****	*****	******	****		Weekly	Visual
Name/Title Principal Exe	cutive Officer		of law that I have personal erein; and based on my in			Date:	03/28/200	)3		Telephone	
Dee Jense - Presider Mining Com		immediately responsible information is true, acc for submitting false info	for obtaining the information and complete. I am immation, including the pos-	ation, I believe to aware that then sability of fine	the submitted e significant penalties and imprisonment. See		nolla	tes	435	687-	-9821
Typed or Pri	1 7		and 33 USC paragraph 1: 900 and or maximum impo				rincipal Executive Offic Authorized Agent	er or	Area Code	Nu	mber
Comments and explana						1				ı	
If oil and grease sheen			n and this must be	e less than	10 mg/L.						
Copied from EPA Form 3320	-1 (Rev.3-99)		Revised 1-02							Page 3 of 6	

Name: PacifiCorp, Energy	West Mining Con	npany	Di	scharg	e Monitori	ng Report	Minor	Sediment po	ond outfall into Co	ottonwood Ck.		
Address: P.O. Box 310 Huntington, Utah : Facility: Cottonwood/Wilbe			UT0022896 Permit Number	]	02/01/2003 Monitorin	02/28/2003 g Period	]		004A ge Number		No Discharge	
Parameter			ity or Loading	ı		nantity or Conc	ı	ı		Frequency of		
	Sample	Average	Maximum	Units	Minimum	Average	Maximum	Units	No. Ex.	Analysis	Sample Type	
Flow Rate	Measurement				******	******	******	****				
00056 1 0 0 Effluent Gross Value	Permit Requirement	Report 30 day avg	Report Daily max	(03) mgd	*****	******	******	****		once/month	Measured	
рН	Sample Measurement	******	******	****		******						
00400 1 0 0 Effluent Gross Value	Permit Requirement	******	******	****	6.5 Inst min	******	9.0 Inst max	(12) SU		once/month	Grab	
Solids, Total Suspended	Sample Measurement	******	******	****								
00530 1 0 0 Effluent Gross Value	Permit Requirement	******	******	****	25 30 day a	35 13		(19) mg/L		once/month	Grab	
Iron, Total (as Fe)	Sample Measurement	******	******	**	115	7116						
01045 10 0 Effluent Gross Value	Permit Requirement	******	****	U.	******	Report 30 day avg	1.0 Daily max	(19) mg/L		once/month	Grab	
Solids, Total Dissolved	Sample Measurement	******	<b>"</b>		******	******	******	****		1/30	Grab	
70295 1 0 0 Effluent Gross Value	Permit Requirement	******	2000 Daily max	(26) lbs/day	******	******	******	****		once/month	Grab	
Oil and Grease, Visual	Sample Measurement	******		(94)	******	******	******	****		4/30	Visual	
84066 1 0 0 Effluent Gross Value	Permit Requirement	******	0 inst max	yes=1 no=0	******	******	******	****		Weekly	Visual	
	Sample Measurement											
	Permit Requirement											
	Sample Measurement											
	Permit Requirement											
Name/Title Principal Execu	tive Officer		w that I have personally exame ein; and based on my inquiry			Date:	03/28/20			Telephone		
Dee Jense - President Ir Mining Comp		immediately responsible for information is true, accurate for submitting false inform	r obtaining the information, e and complete. I am aware that nation, including the possibil	I believethe subr theresignificant lity of fine and in	nitted penalties nprisonment. See	apllastes			435	687-9821		
Typed or Print	- ed	includefines up to \$10,000 5 years .)	133 USC paragraph 1319.( and or maximum imprisonn		s under these statutes months and		incipal Executive Offic uthorized Agent	er or	Area Code	Nu	mber	
Comments and explanation of	Typed or Printed [2] sum 3 Authorized Agent [2] Ents and explanation of any violation of an											

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Name: Pacificop, Energy West Mining Company  Address: P.O. Date 10  Huntingsin, Unit 84:528  Facility: Cottonwood/Wilberg Mine  Quantity or Loading  Quantity or Concentration  Average Maximum Units  Minimum Average Maximum Units  Semple Tibert Gross Value  Requirement  Journal of Maximum Units  Minimum Average Maximum Units  Minimum Averag				Dis	scharge	Monitorin	g Report					
Hantingson, Usab 84528 Facility: Cottonwood/Wilberg Mine  Parameter  Quantity or Loading  Quantity or Loading  Average Maximum Average Maximum Units Minimum Average Maximum Units Maximum Average Maximum Average Maximum Average Maximum Average Maximum Average Maximum Average M		rgy West Mining Co	ompany		8		~ .	Minor	Sediment p	ond outfall from	waste rock site	
Parameter    Parameter		. 04530		1770022806	7	02/01/2002	02/20/2002	7		Y05 A	1	No Disaharaa
Parameter    Quantity or Loading   Quantity or Concentration   Average   Maximum   Units   No. Ex.   Frequency of Analysis   Sample   Type   Maximum   Units   No. Ex.   Frequency of Analysis   Sample   Type   Maximum   Units   No. Ex.   Frequency of Analysis   Sample   Type   Maximum   Units   No. Ex.   Frequency of Analysis   Sample   Type   Maximum   Units   No. Ex.   Frequency of Analysis   Sample   Type   Maximum   Units   No. Ex.   Frequency of Analysis   Sample   Type   Maximum   Units   No. Ex.   Frequency of Analysis   Sample   Type   Maximum   Units   No. Ex.   Frequency of Analysis   Sample   Type   Maximum   Units   No. Ex.   Frequency of Analysis   Sample   Type   Typ								1				
Average Maximum Units Minimum Average Maximum Units No. Ex.  Sample Measurement Report Report Report No. Ex.  Sample Supple Supp	-	· ·			<u> </u>			_		8+	_	LX.J
Average   Maximum   Units   No. Ex.   Analysis   Sample   Maximum   Units   No. Ex.   Analysis   Sample   Type   Maximum   Units   No. Ex.   Analysis   Sample   Type   Maximum   Units   No. Ex.   Analysis   Sample   Type   Therefore   Type of Phinted   The Principal Executive Officer or Authorized Agent   Technology   The Units   The Unit	Parameter		Quant	ity or Loading		Qu	antity or Con	centration			E	
Flow Rate  Mossurement  Mossure			Average	Maximum	Units	Minimum	Average	Maximum	Units	No. Ex.		Sample Type
Effluent Gross Value Sample Solids, Total Suspended Massurement Ma		Measurement				*****	*****	*****	****			
Measurement Measur		Requirement			(03) mgd	*****	*****	*****	****		once/month	Measured
Solids, Total Suspended   Sample   Solids, Total Suspended   Solids   Sample   Solids, Total Suspended   Solids   Sample   Solids   Solids   Sample   Solids   Sample   Solids   Sample   Solids   Sample   Sample   Sample   Solids   Sample   Samp	r	Measurement	*****	*****	****		*****					
Solids, Total Suspended 0030 1 0 0 Permit Effluent Gross Value Settleable Solids Measurement Requirement Solids, Total (as Fe) Measurement Requirement		Requirement	*****	*****	****		*****				once/month	Grab
Settleable Solids Settleable Solids Settleable Solids Massurement  Settleable Solids Massurement  Settleable Solids Massurement  NR  NR  Settleable Solids Massurement  NR  Sample Massurement  NR  Sample Massurement  NR  Solids, Total (as Fe) Massurement  NR  Solids, Total (as Fe) Massurement  NR  Solids, Total Dissolved  Massurement  Solids Total Dissolved  Massurement  NR  Report  1.0  30 day avg  Daily max  Massurement  NR  Cab  Massurement  Once/month  Grab  Solids, Total Dissolved  Massurement  NR  NR  Once/month  Once/month  Grab  Orab  Orab		Measurement	*****	*****	****	*****		0				
Settleable Solids 00545 R 0 0 Permit Effluent Gross Value Requirement 10045 10 0 Permit Effluent Gross Value Requirement 10040 Permit 10040		Requirement	*****	*****				7 day max			once/month	Grab
Effluent Gross Value  Requirement  Sample Solids, Total Dissolved Measurement  Sample Solids, Total Dissolved Measurement  Solids, Total Dissolved  Measurement  Measurement  Solids, Total Dissolved  Measurement  Solids, Total Dissolved  Measurement  Me		Measurement	*****	Ma		<u> </u>	*****					
Iron, Total (as Fe)  Measurement  Measuremen		Requirement	*****	An	****	******	*****				once/month	Grab
Effluent Gross Value Requirement Solids, Total Dissolved Negrence Solids, Total Dissolved Permit Per		Measurement	*****	*****	****	******		1.0				
Solids, Total Dissolved Permit Process Value Requirement Daily max libsday Permit Principal Executive Officer Principal Executive Officer Intertwest Mining Company Expurement Subscription of		Requirement	*****	*****	****	*****					once/month	Grab
Effluent Gross Value Requirement Daily max Ibs/day		Measurement	*****	***************************************		*****	*****	*****	****		1/30	Grab
Oil and Grease, Visual Measurement (94)		Requirement	*****			*****	*****	*****	****		once/month	Grab
Requirement	,	Measurement	*****			******	*****	*****	****			
Dee Jense - President InterWest Mining Company  Typed or Printed			*****	0 inst max		*****	*****				Weekly	Visual
Dee Jense - President InterWest  Mining Company  Mining Compan	Name/Tital Principal Exc	ecutive Officer					Date:	03/28/200	)3		Telephone	
Signature of Principal Executive Officer or Area Code Typed or Printed  and 5 years .)  Comments and explanation of any violations:  Signature of Principal Executive Officer or Authorized Agent  Signature of Principal Executive Officer or Area Code Number	Dee Jense - President InterWest information is true, for submitting false		immediately responsible information is true, according for submitting false info	e for obtaining the inform rurate and complete. I am ormation, including the po	ation, I believe a aware that then ossibility of fine	the submitted e significant penalties and imprisonment. See	0	nofella	tes	435	687-	-9821
Comments and explanation of any violations:			include fines up to \$10,						er or	Area Code	Nu	mber
							1	8			1	
				n and this must b	e less than	10 mg/L						

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			Di	scharge	<b>Monitorin</b>	g Report					
**	rgy West Mining O	Company		Ü				Minor			
Address: P.O. Box 310 Huntington, Uta	1. 04520		UT0022896	7	02/01/2003	02/28/2003	1		ombination 002,	003, & 005	No Discharge
Facility: Cottonwood/			Permit Number		Monitorin:		•	-	um A ge Number		
racing. Cotton room	· · · · · · · · · · · · · · · · · · ·		r critat i tantoci		Tribino II	51 01104	ı	Discini	ge : turrer		X
Parameter		Quan	tity or Loading		Qu	antity or Conc	entration			F	
		Average	Maximum	Units	Minimum	Average	Maximum	Units	No. Ex.	Frequency of Analysis	Sample Type
Solids, Total Dissolved	Sample Measurement				*****	*****	*****				
70295 1 0 0 Effluent Gross Value	Permit Requirement	Report 30 day avg	2000 Daily max	(26) lbs/day	*****	*****	*****	****		once/month	Grab
	Sample Measurement										
	Permit Requirement										
	Sample Measurement				eh	912					
	Permit Requirement		_		150"		4				
	Sample Measurement		Fr	<u>' 0</u>		e Ul	-				
	Permit Requirement		•		<u>∧∩3,</u>	<b>7</b>					
	Sample Measurement Permit		-	M	000,						
	Requirement Sample		FI	77.							
	Measurement Permit										
	Requirement Sample										
	Measurement Permit										
	Requirement										
Name/Title Principal Ex-	ecutive Officer		y of law that I have person I herein; and based on my i			Date:	03/28/20			Telephone	
Dee Jense - Preside Mining Con		information is true, as for submitting false in	ole for obtaining the inform ccurate and complete. I an aformation, including the p	aware that then ossibility of fine	e significant penalties and imprisonment. See		nJella	tion	435	687-	-9821
	. ,		01 and 33 USC paragraph 0,000 and or maximum im,				ncipal Executive Office	er or	Area Code	Nu	ımber
Comments and explana	ation of any viol	ations:	shall not once: 3.2	000 lba/3	, domino duovo 4						
Total discharge of TDS	nom outrails 00	12,003, and 005	snan not exceed 2,	ooo ibs/day	duiing drawdow	11.					

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			Dis	scharge	e Monitorii	ng Report					
Address: P.O. Box 310	gy West Mining Co	ompany	UTG040022	T	02/01/2003	02/28/2003	7		001A	7	No Discharge
Huntington, Utah Facility: Des Bee Dove M			Permit Number	<u> </u>	Monitorii		<u> </u>		rge Number		X X
	1	1			1				1	<del></del>	
Parameter			ity or Loading		ν.	iantity or Con	1	T ** *:		Frequency of	
	Sample	Average	Maximum	Units	Minimum	Average	Maximum	Units	No. Ex.	Analysis	Sample Type
Flow Rate	Measurement				******	*****	*****	****			
00056 1 0 0 Effluent Gross Value	Permit Requirement	Report 30 day avg	Report Daily max	mgd	*****	******	*****	****		once/month	Estimated
pН	Sample Measurement	*****	*****	****		******					
00400 1 0 0 Effluent Gross Value	Permit Requirement	*****	*****	****	6.5 Inst min	******	9.0 Inst max	(12) SU			
Solids, Total Suspended	Sample Measurement	*****	*****	****	******				****	****	****
00530 100 Effluent Gross Value	Permit Requirement	*****	*****	****	******	25 30 da	F.16	(19) mg/L		once/month	Grab
Settleable Solids	Sample Measurement	*****	******	****	nis	Chie	<b>- - - - - - - - - -</b>		****		
00545 R 0 0 Effluent Gross Value	Permit Requirement	*****	*****	O-		******	0.5 Daily max	(25) mL/L		once/month	Grab
Iron, Total (as Fe)	Sample Measurement	*****	******	****	*****	*****			****	****	****
01045 10 0 Effluent Gross Value	Permit Requirement	*****	*****	****	*****	******	1.0 Daily max	(19) mg/L		once/month	Grab
Solids, Total Dissolved	Sample Measurement	*****	*****	****	******	*****					
70295 1 0 0 Effluent Gross Value	Permit Requirement	*****	2000 Daily max	(26) lbs/day	******	*****	Report Daily max	(19) mg/L		once/month	Grab
	Sample Measurement	*****		****	*****	*****	*****	****			
Oil and Grease, Visual 84066 100 Effluent Gross Value	Permit Requirement	*****	0 inst max	(94) yes =1 no=0	*****	*****	*****	****		Weekly	Visual
Name/Title Principal Exec	cutive Officer		f law that I have personal erein; and based on my in			Date:	03/28/20	03		Telephone	
	immediately responsible for obtaining the information, I be information is time, accurate and complete. I am aware the for submitting false information, including the possibility of SUSC paragraph 1001 and 30 USC paragraph 1309. (P		tion, I believe to ware that then sibility of fine	the submitted e significant penalties and imprisonment. See		ngella	stea	435	687-	-9821	
			and 33 USC paragraph 13 000 and or maximum impr				ncipal Executive Offic uthorized Agent	er or	Area Code	Nu	ımber
Typed or Prin									l	<u> </u>	
Comments and explanat Oil and grease not to exc			. Settleable solids	shall be m	neasured during st	orm water discha	rge.				

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			Dis	scharge	e Monitorii	ıg Report					
Name: PacifiCorp, Energy Address: P.O. Box 310 Huntington, Utah Facility: Hunter Coal Pro		ompany	UTG040009 Permit Number		02/01/2003 Monitorii	02/28/2003 ng Period			001A rge Number	]	No Discharge
Parameter		Quant	ity or Loading		01	ıantity or Con	centration				
Parameter		Average	Maximum	Units	Minimum	Average	Maximum	Units	No. Ex.	Frequency of Analysis	Sample Type
Flow Rate	Sample Measurement				*****	******	*****	****			
00056 1 0 0 Effluent Gross Value	Permit Requirement	Report 30 day avg	Report Daily max	mgd	*****	*****	*****	****		once/month	Estimated
pН	Sample Measurement	*****	*****	****		******					
00400 1 0 0 Effluent Gross Value	Permit Requirement	*****	*****	****	6.5 Inst min	******	9.0 Inst max	(12) SU			
Solids, Total Suspended	Sample Measurement	*****	*****	****	*****				****	****	****
00530 1 0 0 Effluent Gross Value	Permit Requirement	*****	*****	****	*****	25 30 day avg	70 daily max	(19) mg/L		once/month	Grab
Settleable Solids	Sample Measurement	*****	*****	****	******	a 15	a rue	7	****		
00545 R 0 0 Effluent Gross Value	Permit Requirement	*****	******	****		CIT.	0.5 Daily max	(25) mL/L		once/month	Grab
Iron, Total (as Fe)	Sample Measurement	*****	*****	٥	******	*****			****	****	****
01045 10 0 Effluent Gross Value	Permit Requirement	*****	*****	****	*****	*****	1.0 Daily max	(19) mg/L		once/month	Grab
Solids, Total Dissolved	Sample Measurement	*****	*****	****	******	*****					
70295 1 0 0 Effluent Gross Value	Permit Requirement	*****	2000 Daily max	(26) lbs/day	*****	******	Report Daily max	(19) mg/L		once/month	Grab
	Sample Measurement	*****		****	*****	*****	*****	****			
Oil and Grease, Visual 84066 100 Effluent Gross Value	Permit Requirement	*****	0 inst max	(94) yes =1 no=0	******	******	*****	****		Weekly	Visual
Name/Title Principal Exec	utive Officer		of law that I have personal erein; and based on my inc			Date:	03/28/20	03		Telephone	
	Dee Jense - President InterWest infor		information submitted herein; and based on my inquiry of those individual immediately responsible for obtaining the information, I believe the subm information is true, accurate and complete. I am aware that there signific for submitting false information, including the possibility of fine and impre				ngella	tes	435	687-	-9821
			and 33 USC paragraph 13 000 and or maximum impr				incipal Executive Offic authorized Agent	er or	Area Code	Nu	mber
Typed or Prin Comments and explanat Oil and grease not to exc	ion of any viola	tions:	. Settleable solids	shall be m	neasured during st					1	

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			Di	scharg	e Monitorii	ıg Report					
	orp, Energy West Mining C	ompany		O		0 1					
Address: P.O. Bo			1 FFC 0 40000	-	02/01/2002	02.20.2002	-		2024	7	N. D. J.
	ton, Utah 84528 r Coal Preparation Plant		UTG040009 Permit Number		02/01/2003 Monitori	02/28/2003	_		002A ge Number		No Discharge
racinty. Hunter	Coar i reparation riant		i citilit i validei	1	Worldoor	ig i criou		Dischai	ge ivanicei		X
Paramet	er	Quan	tity or Loading		Qı	iantity or Con	centration				
1 111 111100		Average	Maximum	Units	Minimum	Average	Maximum	Units	No. Ex.	Frequency of Analysis	Sample Type
Flow Rate	Sample Measurement				******	*****	*****	****			
00056 100	Permit	Report	Report	,	******	******	******			/ 4	r.c 1
Effluent Gross Val		30 day avg	Daily max	mgd	******	*******	*******	****		once/month	Estimated
рН	Sample Measurement	*****	*****	****		*****					
00400 100	Permit	*****	*****	****	6.5	******	9.0	(12)			
Effluent Gross Val					Inst min		Inst max	SU			
Solids, Total Suspe		*****	*****	****	******				****	****	****
00530 1 0 0 Effluent Gross Val	Permit lue Requirement	*****	*****	****	******	25 30 day av	70	(19) mg/L		once/month	Grab
Settleable Solids	Sample Measurement	*****	*****	****	A C	CIL			****		
00545 R 0 0 Effluent Gross Val	Permit lue Requirement	*****	*****			******	0.5 Daily max	(25) mL/L		once/month	Grab
Iron, Total (as Fe	Sample Measurement	*****	*****	****	******	*****			****	****	****
01045 10 0 Effluent Gross Val	Permit lue Requirement	*****	*****	****	******	*****	1.0 Daily max	(19) mg/L		once/month	Grab
Solids, Total Disso	Sample Ived Measurement	*****	*****	****	******	*****					
70295 1 0 0 Effluent Gross Val	Permit lue Requirement	*****	2000 Daily max	(26) lbs/day	******	*****	Report Daily max	(19) mg/L		once/month	Grab
	Sample Measurement	*****		****	*****	*****	*****	****			
Oil and Grease, Vi 84066 100 Effluent Gross Val	Permit	*****	0 inst max	(94) yes =1 no=0	*****	*****	*****	****		Weekly	Visual
Name/Title Prin	cipal Executive Officer		of law that I have persona			Date:	03/28/20	03		Telephone	
Dee Jense - P	President InterWest	information submitted herein, and based on my inquiry of those individuals immediately responsible for obtaining the information. I believe the submitted information is true, accurate and complete. I am aware that there significant penalties for submitting false information, including the possibility of fine and imprisonment. See				nofella	tes	435		9821	
		include fines up to \$10,	101 and 33 USC paragraph 1319. ( Penalties under these statutes 10,000 and or maximum imprisonment of between 6 months			Signature of Principal Executive Officer or Authorized Agent		er or	Area Code	Nu	mber
	ed or Printed	and 5 years .)					muoruza Agun			l .	
	explanation of any violator to exceed 10 mg/Lif		l. Settleable solids	shall be n	neasured during st	orm water discha	arge.				

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